

PART #	DESCRIPTION	MAT'L	FINISH	WEIGHT lbs
647.7810	BRACKET A			0.58
647.7811	BRACKET B			0.58
647.7812	CENTER PLATE UPPER			0.37
647.7813	CENTER PLATE LOWER			0.30
647.7814	FORWARD BRACKET			0.09
647.7815	FORWARD BRACKET			0.09
647.7816	AFT BRACKET			0.11
647.7817	AFT BRACKET			0.11
647.7818	MOUNTING CHANNEL			0.70
647.7819	CROSS BRACKET FWD			0.29
647.7820	CROSS BRACKET AFT			0.88
647.7821	EYE BOLT FITTING LH			0.14
647.7822	EYE BOLT FITTING RH			0.14
647.7823	CROSS BRACKET AFT			0.97



NOTES:

1. MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR PER AMS-QQ-A-200/11
REF DART SPEC M7075T6B
OR 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE
PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209
REF DART SPEC M7075T6S
2. FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK,
PRIME IAW MIL-PRF-23377J TYPE I CLASS N; 1-2 MIL MAX, AS PER QSI 005 4.2.1
3. TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4. UNITS: INCHES UNLESS OTHERWISE NOTED
5. BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6. IDENTIFICATION: IDENTIFY WITH DART P/N, REVISION, & S/N
PER DART QSI 044 METHOD 6.1 (FINE POINT MARKER)
- 7) WEIGHT: SEE BOM TABLE
- 8) ALL NON DIMENSIONED FEATURES PER CAD FILES "647.7810, 647.7811, 647.7812, 647.7813, 647.7814,
647.7815, 647.7816, 647.7817, 647.7818, 647.7819, 647.7820, 647.7821, 647.7822, 647.7823 REV. B .STEP"

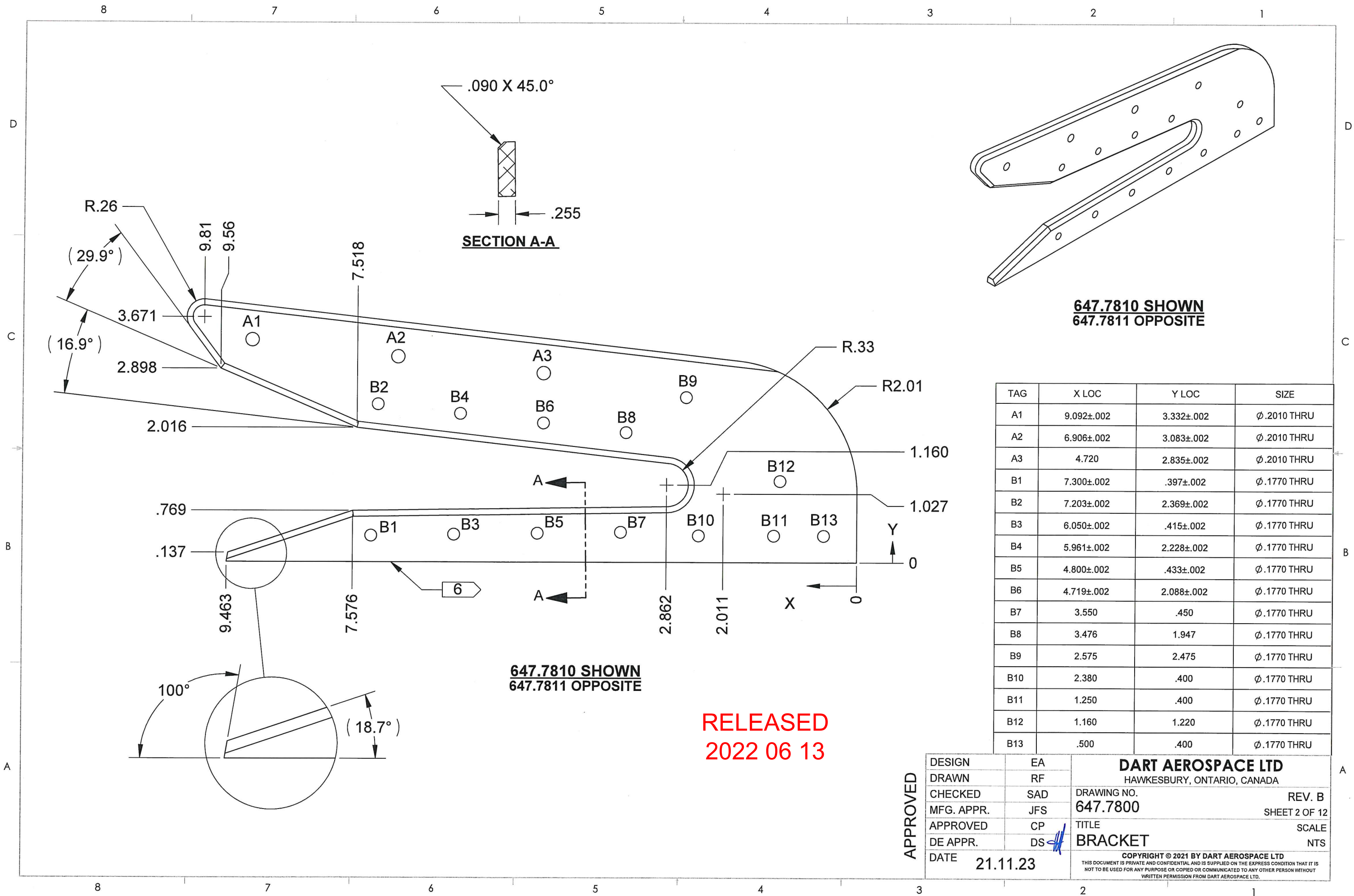
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HB ECR 285 *SAD*

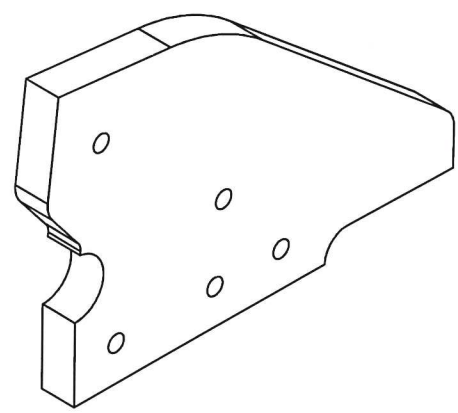
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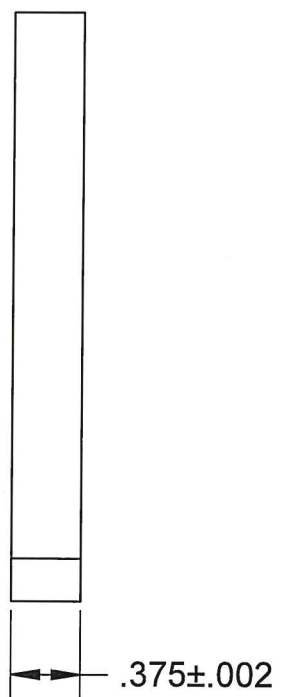
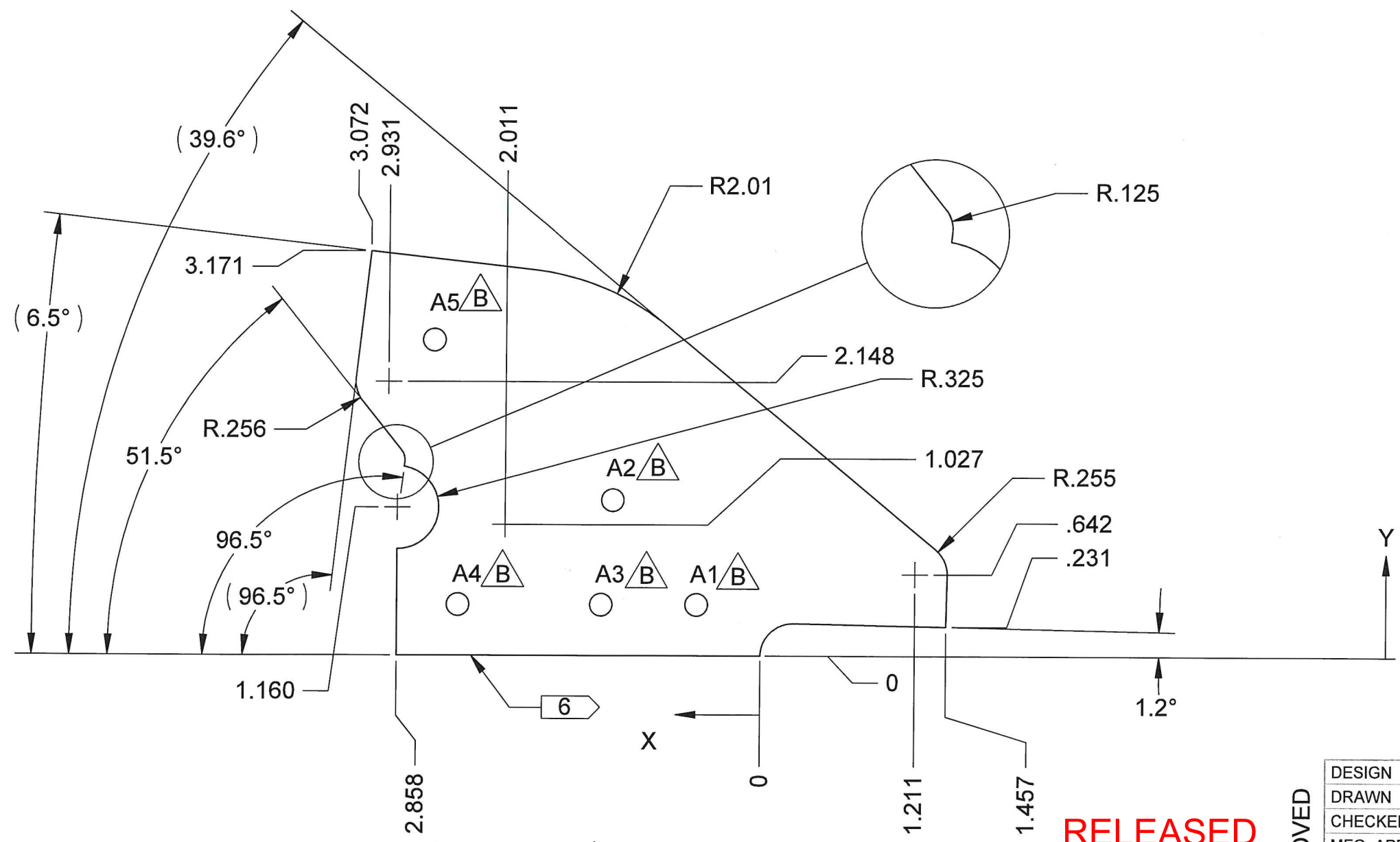
B	REVISE DRAWING TEMPLATE TO CURRENT STANDARD AND UPDATED NOTES. ADDED SHT 4 & 6. ADDED SPOT FACE TO 647.7814/7815; INCORPORATED ECN 05405: ADDED DIM TO 647.7820 & REVISED 647.7823 DIM 1.340 +/- .005 WAS 1.307, R.500 WAS R.184, 135.6" WAS 142.7", 134.4" WAS 127.3" AND ADDED .760 DIM. REASON ECR 285	RF	21.11.23
A	INCORPORATED ECN 03128, 04487, & 05328	JB	16.03.02
NC	INITIAL RELEASE	EA	09.12.21
REV.	DESCRIPTION	BY	DATE
DESIGN	EA	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	JFS	647.7800	SHEET 1 OF 12
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DE APPR.	DS <i>#</i>	BRACKET	NTS
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B			
TAG	X LOC	Y LOC	SIZE
A1	.500±.002	.400±.002	Ø.1770 THRU
A2	1.160±.002	1.220±.002	Ø.1770 THRU
A3	1.250±.002	.400±.002	Ø.1770 THRU
A4	2.380±.002	.400±.002	Ø.1770 THRU
A5	2.575±.002	2.475±.002	Ø.1770 THRU



647.7812



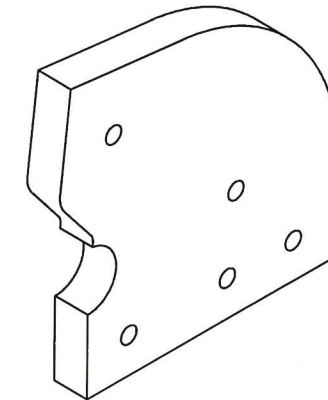
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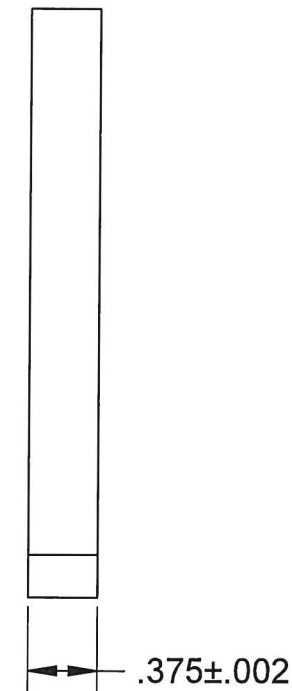
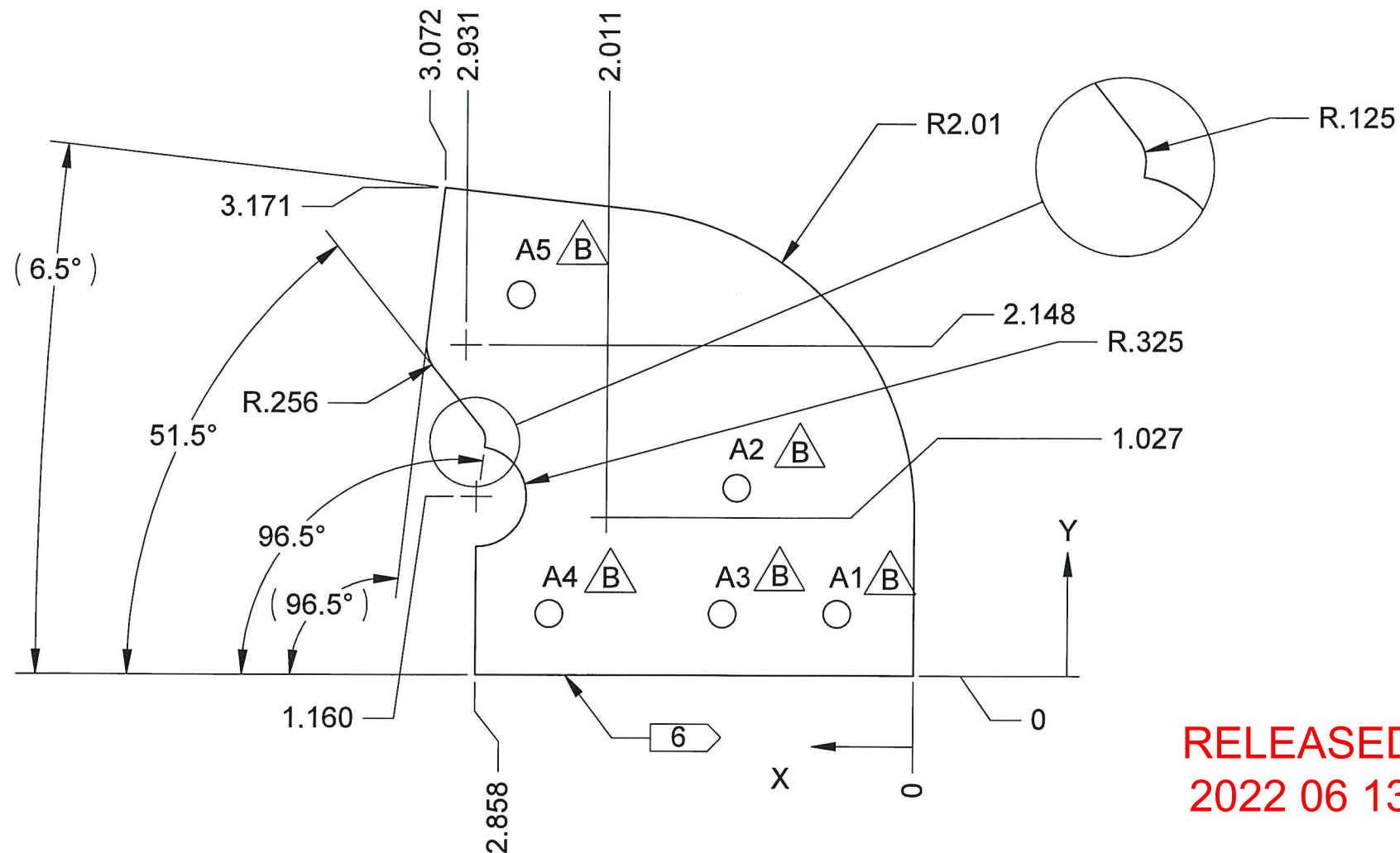
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B			
TAG	X LOC	Y LOC	SIZE
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A2	1.160±.002	1.220±.002	Ø.1770 THRU
A3	1.250±.002	.400±.002	Ø.1770 THRU
A4	2.380±.002	.400±.002	Ø.1770 THRU
A5	2.575±.002	2.475±.002	Ø.1770 THRU



647.7813

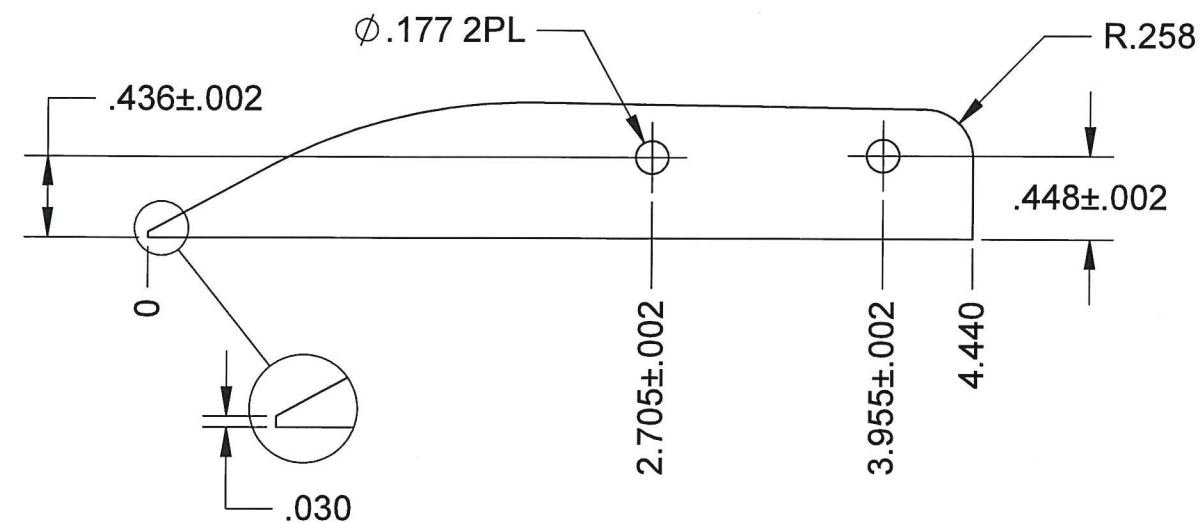
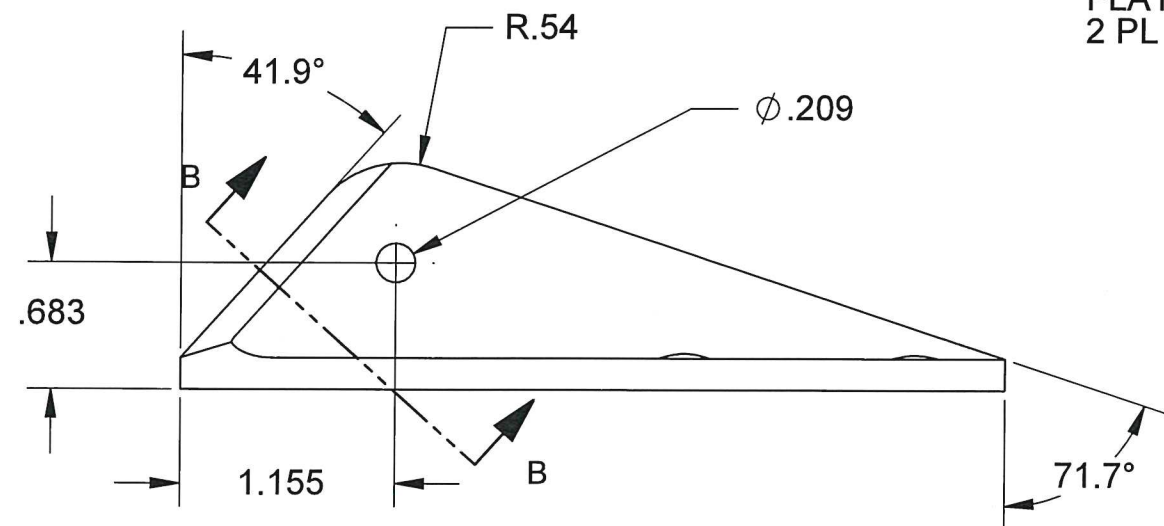
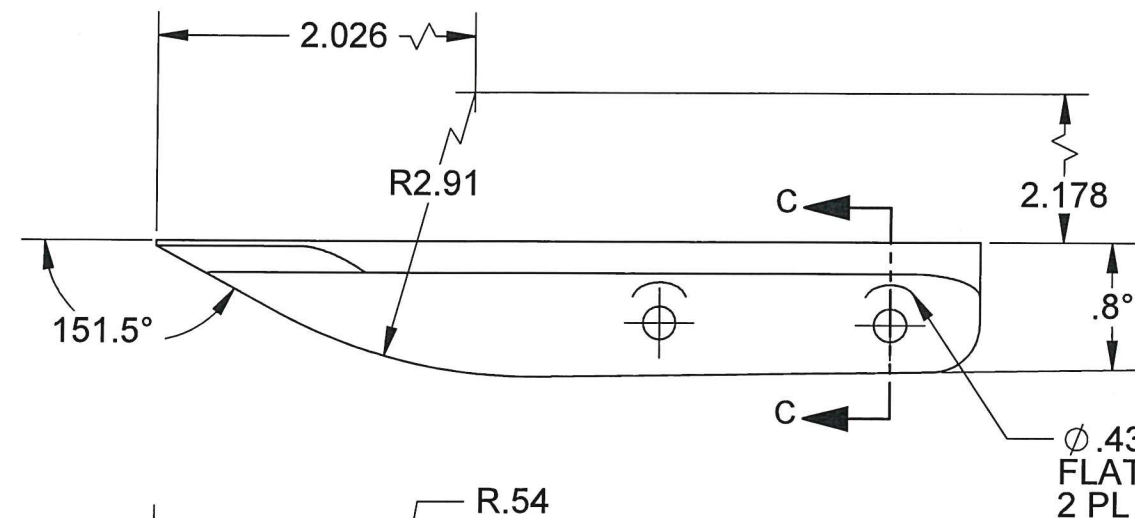


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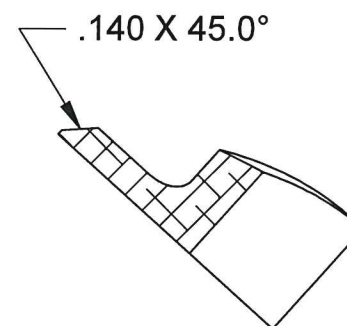
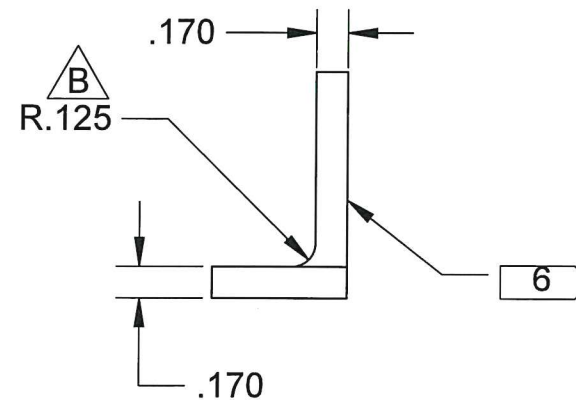
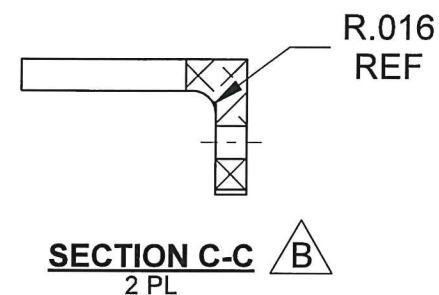
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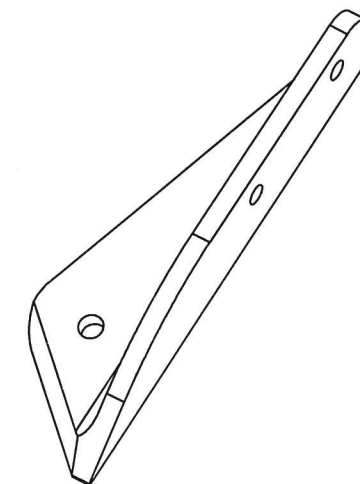
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647.7814



SECTION B-B

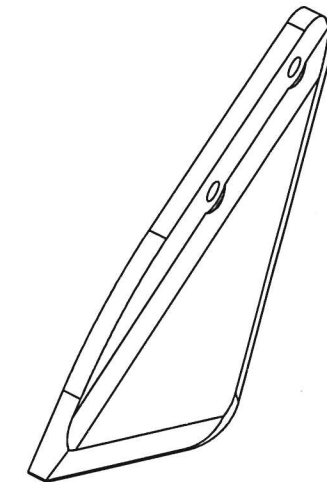
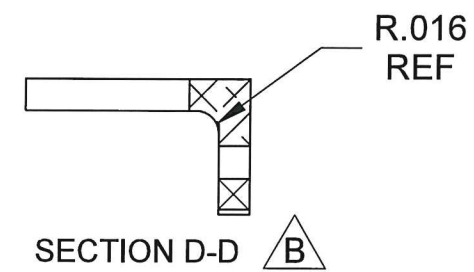
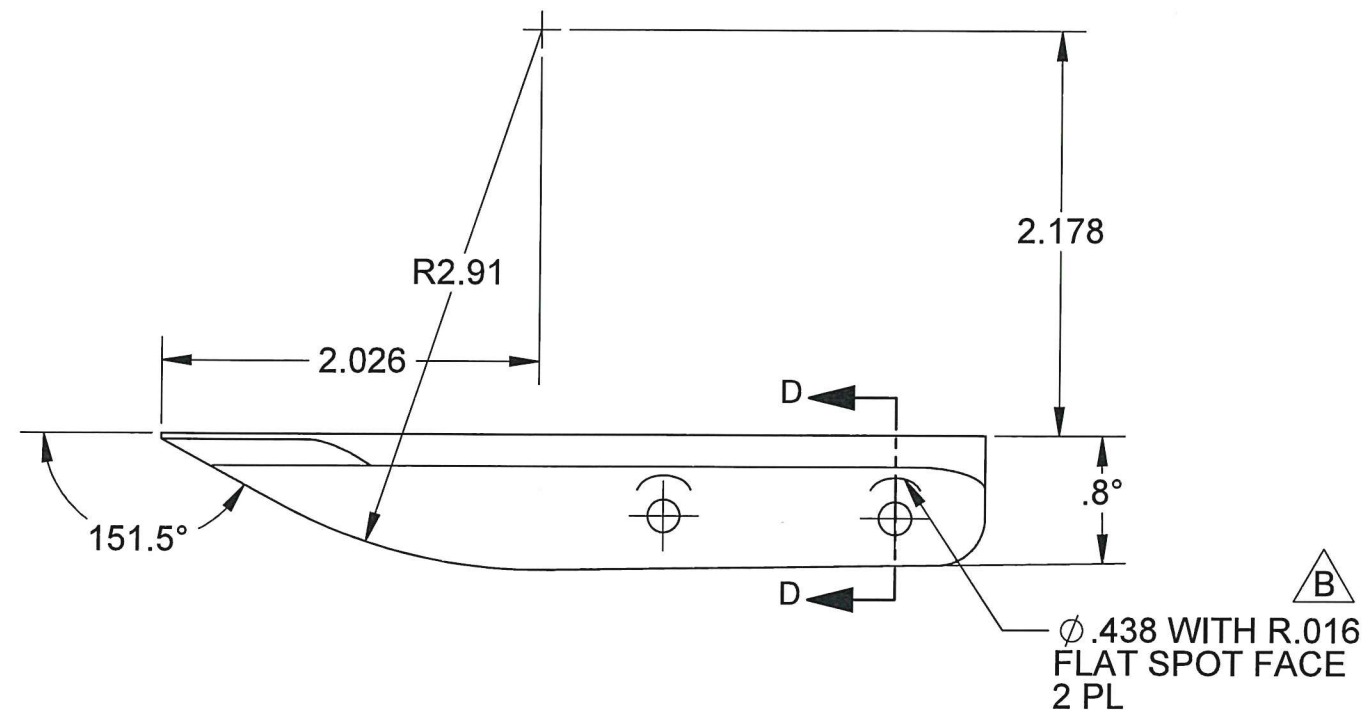


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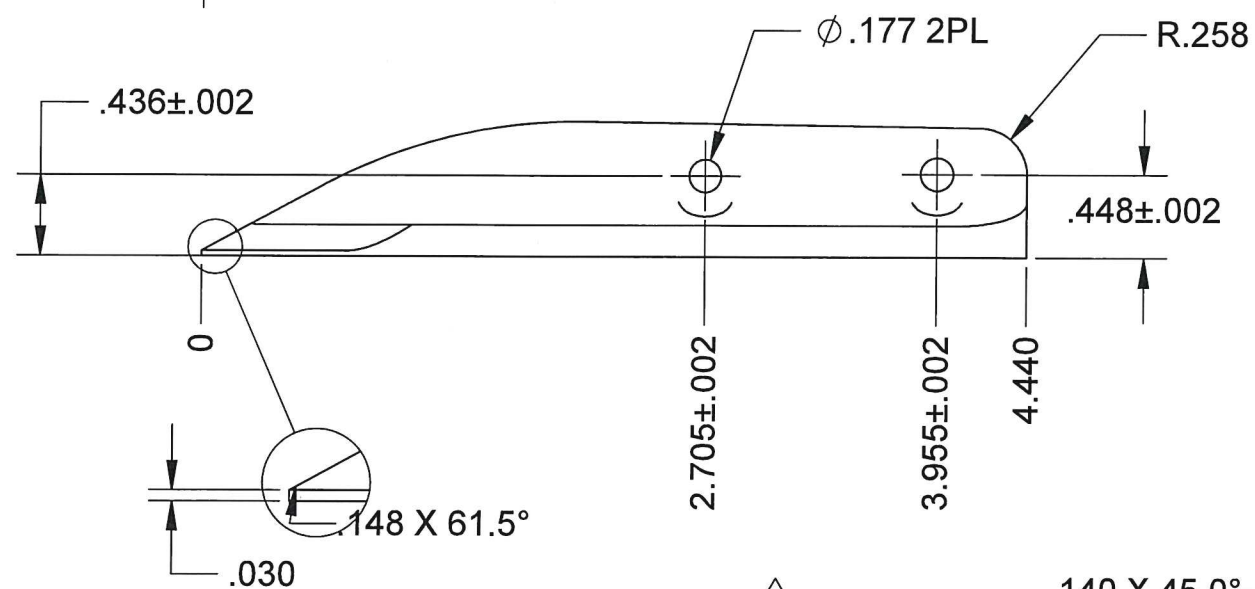
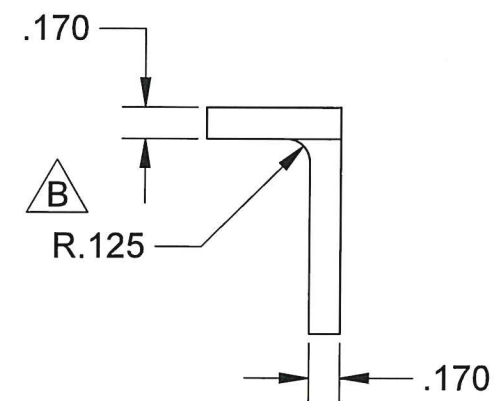
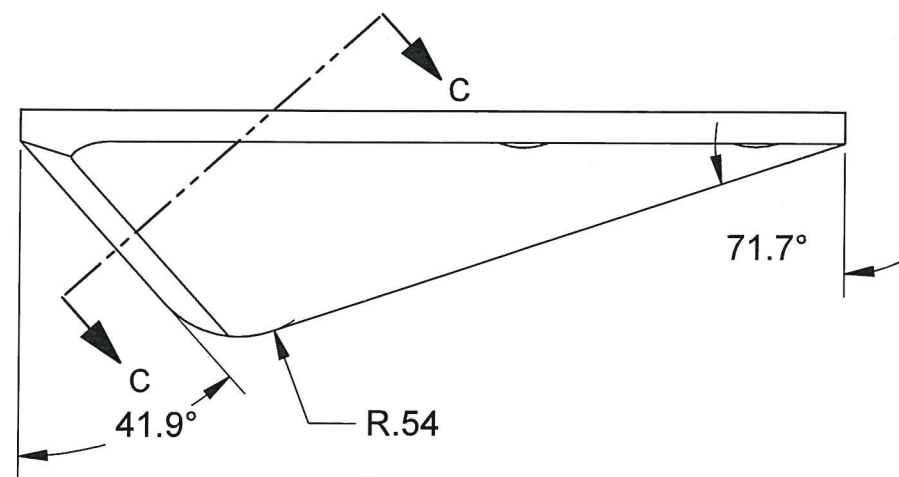
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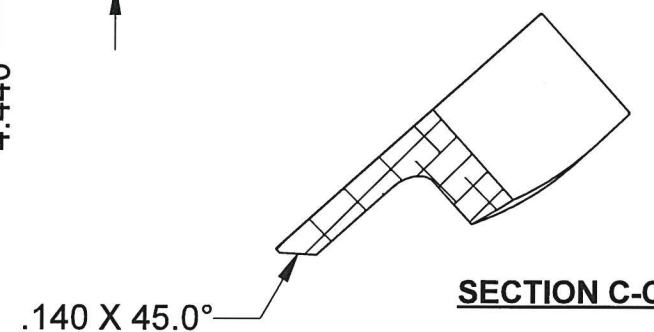
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CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	JFS	647.7800	SHEET 5 OF 12
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647.7815



647.7815



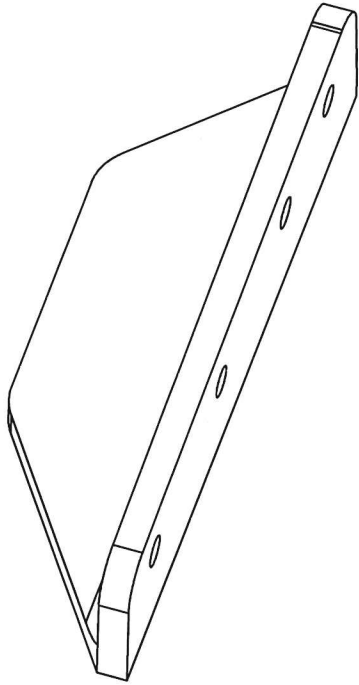
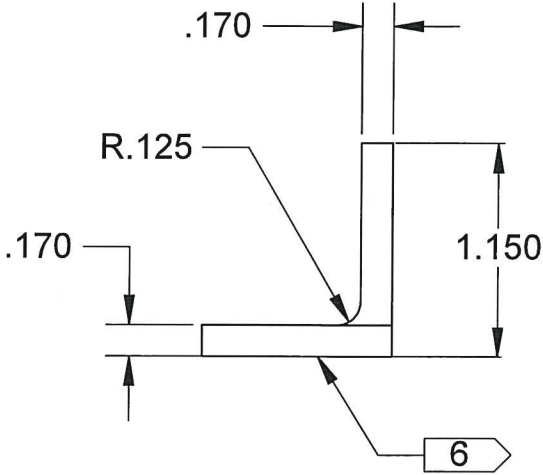
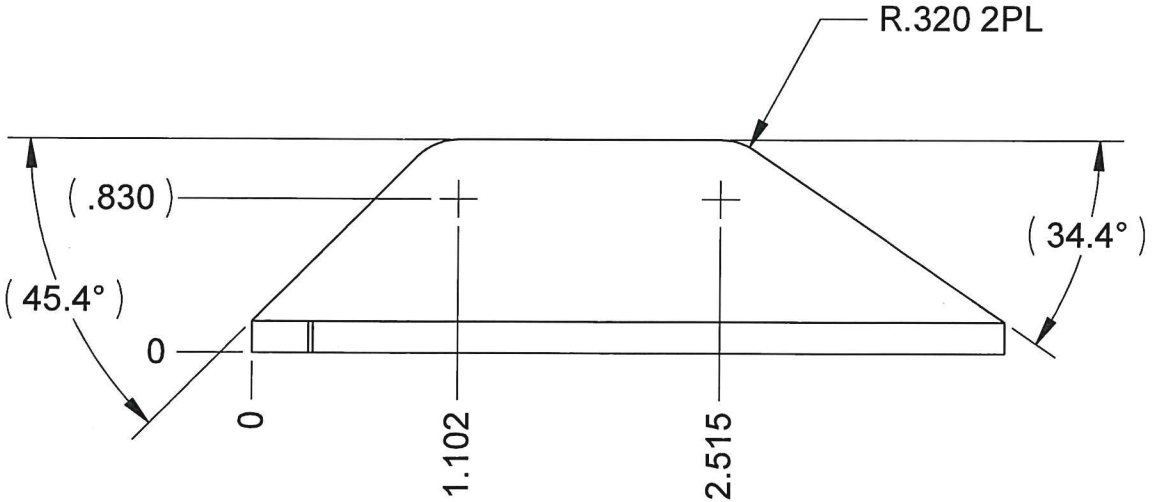
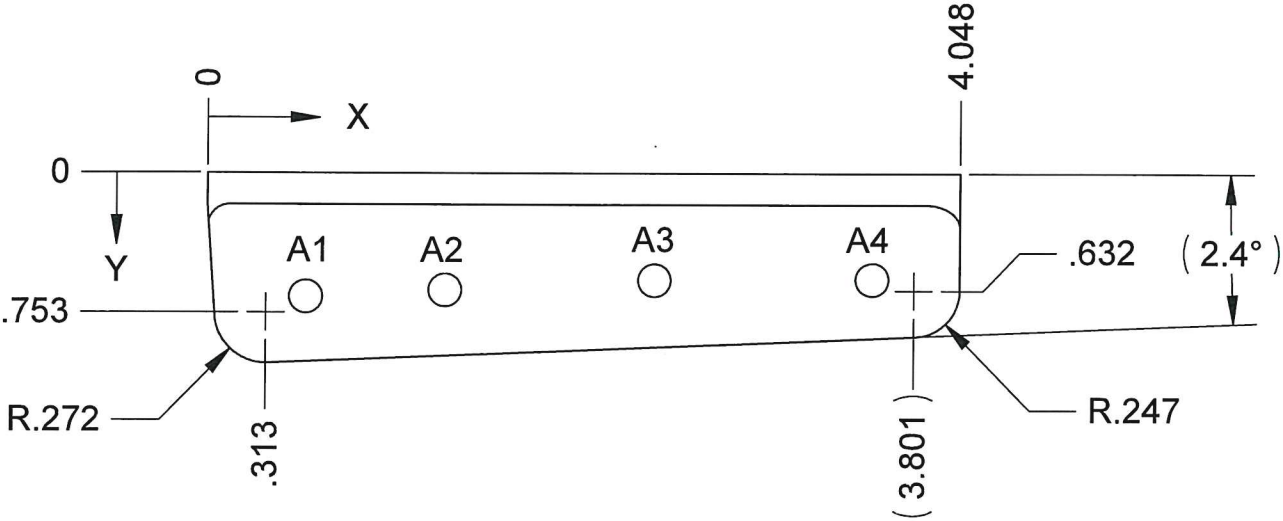
SECTION C-C

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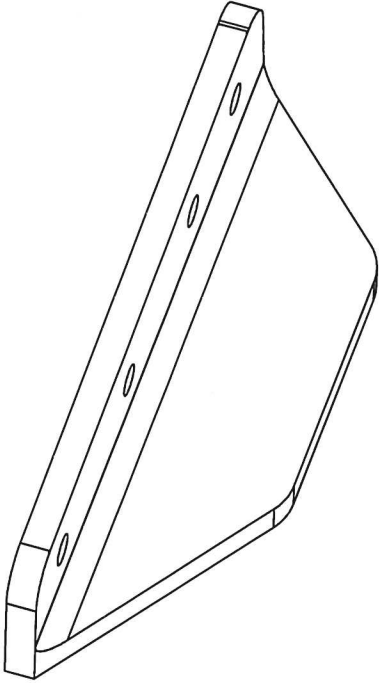
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TAG	X LOC	Y LOC	SIZE
A1	.527±.002	.666±.002	Ø.1770 THRU
A2	1.276±.002	.631±.002	Ø.1770 THRU
A3	2.404±.002	.578±.002	Ø.1770 THRU
A4	3.576±.002	.573±.002	Ø.1770 THRU



647.7816



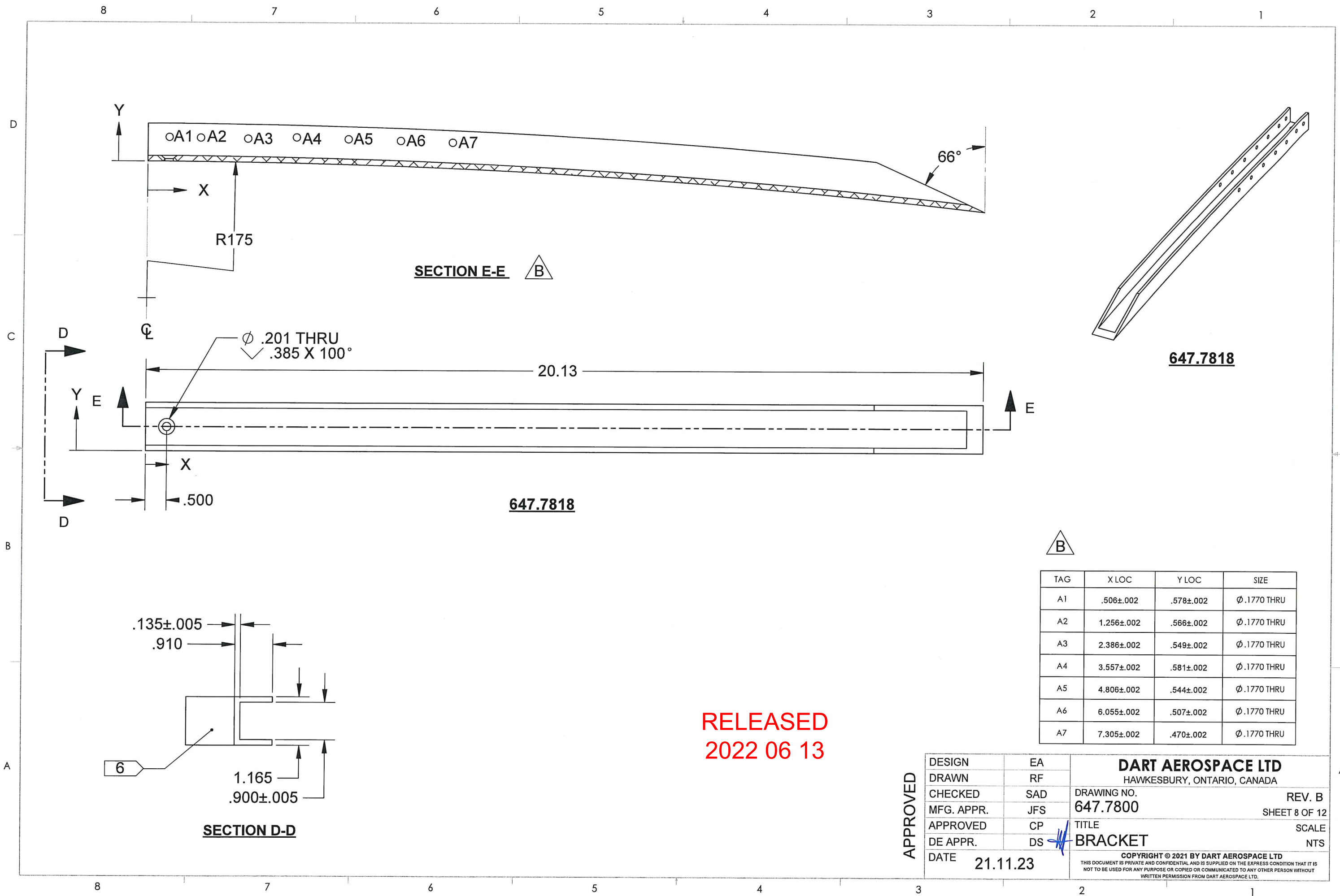
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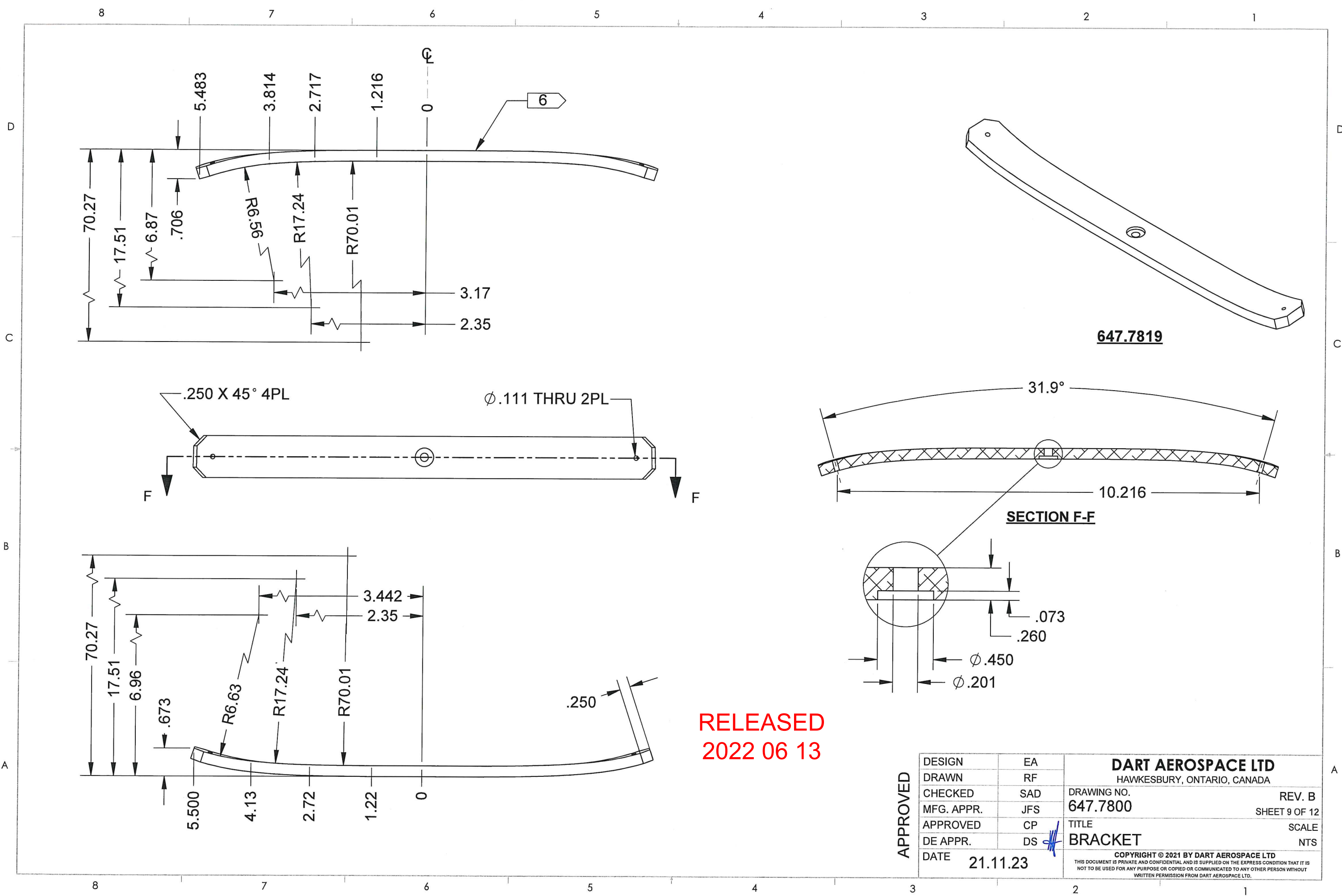
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647.7817 OPPOSITE

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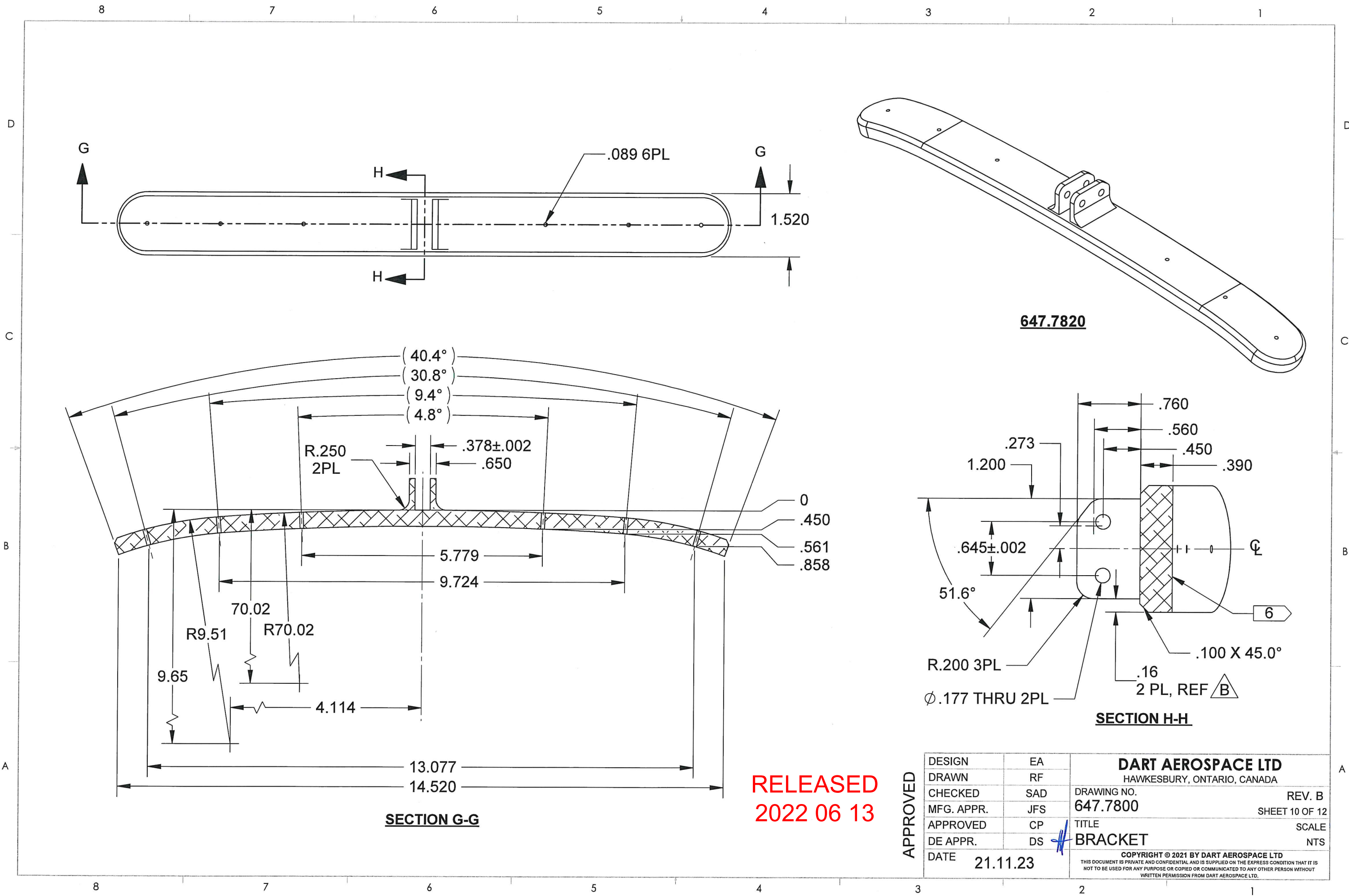


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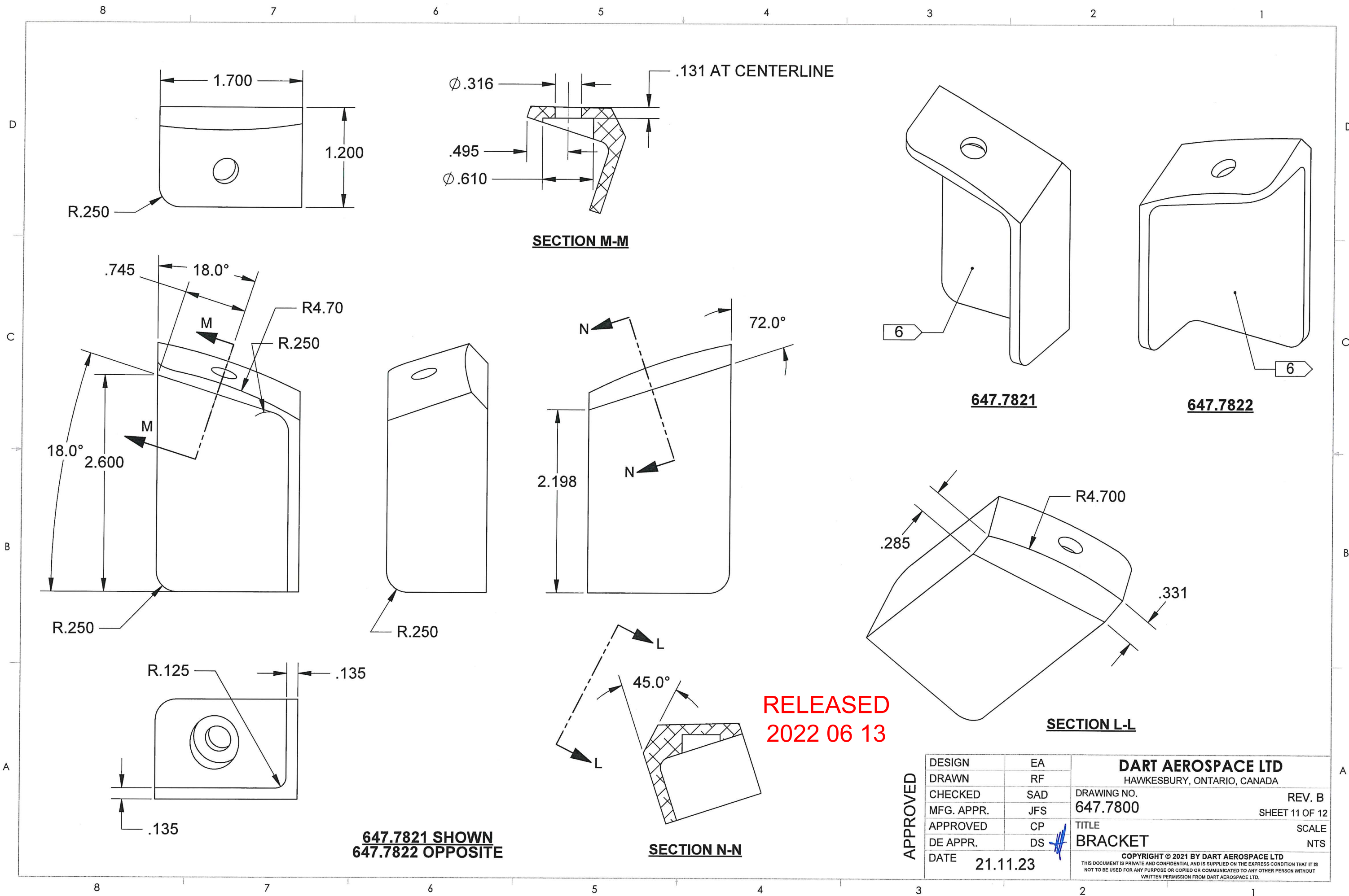
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MFG. APPR.	JFS
APPROVED	CP
DE APPR.	DS
DATE	21.11.23

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APPROVED	CP
DE APPR.	DS
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